

**TO: Suborbital Science Program**  
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## **Flight Report**

<b>Aircraft :</b>	NASA P-3B
<b>Operating Site(s) From / To :</b>	KNHZ / KNHZ (Brunswick, ME)
<b>Flight Date :</b>	April 11, 2009
<b>Flight Number / Data Flight # :</b>	726
<b>Time out:</b>	<b>1704 (Z)</b>
<b>Time in:</b>	<b>1728 (Z)</b>
<b>Flight Time :</b>	0.4
<b>Flt Request # / PI:</b>	FR#9P007/013/014
<b>Purpose of Flight :</b>	<b>Data [ ] Ferry [ ] Functional Check [X] Other [ ]</b>
<b>Sensor Payload :</b>	Arctic Ice Gap (Operation Ice Bridge) for Sea Ice ICESat orbit tracks. ATM (2), Snow radar, PARIS, LVIS
<b>Comments :</b>	<p>This was a second functional check flight (FCF) after the P-3 prop replacement. Some adjustments had to be made after the first FCF, and the result was a successful FCF this time. The aircraft is now in an UP status.</p> <p>The flight and maintenance crewmembers will take a well-deserved down day on Sunday, then fly the plane back to Thule on Monday, April 13, with an ETA of 1500 local. The next science flight is planned for Tuesday, April 14.</p> <p>Kudos to the crew for their hard work and dedication!</p>

**SUBMITTED BY: Cate Fairchild**

**11 April 2009**

<b>Flight</b>	<b>Date</b>	<b>Aircraft Flight #</b>	<b>Data Flight#</b>	<b>Hours flown</b>	<b>Total Hours Remaining</b>
<i>Total Allocated</i>					<i>184.0</i>
ECF	3/25/2009	713		0.8	183.2
PCF	3/27/2009	716		3.7	179.5
Transit to Thule	3/30/2009	693		7.6	171.9
Science flight	3/31/2009	718	1	8.1	163.8
Science flight	4/1/2009	719	2	7.7	156.1
Science flight	4/2/2009	720	3	8.2	147.9
Science flight	4/5/2009	721	4	8.7	139.2
Science flight	4/6/2009	722	5	7.7	131.5
Ferry to Maine	4/7/2009	723		6.4 (n/c)	131.5
Prop repair FCF 1	4/10/2009	725		0.4 (n/c)	131.5
Prop repair FCF 2	4/11/2009	726		0.4 (n/c)	131.5
<i>Return Transit*</i>	<i>TBD</i>			<i>8.0</i>	<i>123.5</i>
<i>Post-mission calibration*</i>	<i>TBD</i>			<i>2.0</i>	<i>121.5</i>

\* Time for return transit and post-mission flight are estimates only